0250 2800 OIPE 05/01/01 20

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/001,843 ENTERED CRF Processing Date: 12/11/2001

Edited by: AV

Verified by: _____ (STIC staf

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

#4

☐ Edited a format error in the Current Application Data section, specifically:

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:

_____

_____

_____

_____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

P.5

<110> APPLICANT: Salceda, Susana
Macina, Roberto
Recipon, Herve
Cafferkey, Robert
Sun, Yongming
Liu, Chenghua
Turner, Leah

<120> TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific Genes and Proteins

W--> <130> FILE REFERENCE: DEX-0267
C--> <140> CURRENT APPLICATION NUMBER: US/10/001,843
C--> <141> CURRENT FILING DATE: 2001-11-20
<150> PRIOR APPLICATION NUMBER: 60/249,992
<151> PRIOR FILING DATE: 2000-11-20
<160> NUMBER OF SEQ ID NOS: 218
<170> SOFTWARE: PatentIn version 3.1
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<211> LENGTH: 1767
<212> TYPE: DNA
<213> ORGANISM: Homo sapien
<400> SEQUENCE: 1

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taaaaagtgg aaccaaagag gaaaaggggt ggttttaaga ggtggacccg tggtgggaaa 180
gagagaggcg agagggcgtg cgaggacacg agaaagaaca cgcgtgggaa cacgtgggag 240
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RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

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aaacaacgag cgagagtcac ccggtga 1767
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<222> LOCATION: (495)..(495)
<223> OTHER INFORMATION: a, c, g or t
<400> SEQUENCE: 2
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ggcccaattg atccccccac ctcagcctcc tgagtggtgg ggtttacggg ggtaacccat 180
tgtgcctggt ttccagcttt ccttttaaat taggggggtta tagttcggca caaccaggac 240
ccagggcagg aaatatacac ttccccaata gcaaattagc attaccgtga cctcctctgt 300
gctaatatgg cacttttgtt aaccaagtga attgatgggt gtggagtggt gtggatgtag 360
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tggtggcgtt gaaaaattgg ggagggcggg agtggaaatt cactgttgga tatagattaa 480
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g 541
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<222> LOCATION: (770)..(770)
<223> OTHER INFORMATION: a, c, g or t
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tactctgtgc cagctctgga accatgcttt ttggtgtctg tgtgtatata taggtcacct 180
gtatgtattt aggtcctttg aggaatctac tggacgtatc aaaaaaaaaa aaaaaacacc 240
cacaaaaaga acagccccgt ggagctcttg agtgtgggtc tccacttagt gttgtgttgt 300
gtttctcccc aatctctttc ttagaagcca gggaggggca cccttctgtg gggtcttcca 360
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gcccagcatt ggctctggcc ccagacactt tgtggtttgg tctcaggtaa tcggtggctg 600
tccactaggc tgcttgttgg acctttcttg cgtggtgtcc atattggtct tcctttgtgc 660
ggaaaattaa ttcctttcgc acttgccaca aaaaacccaa aacacaaaaa aggcgtgggg 720
cgcccgtggc ctaagcgggt ccgtgggaga aatggttccg ccccacaacn accgccacac 780
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<210> SEQ ID NO: 4
<211> LENGTH: 557
<212> TYPE: DNA

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

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167 <213> ORGANISM: Homo sapien
169 <220> FEATURE:
170 <221> NAME/KEY: misc_feature
171 <222> LOCATION: (404)..(486)
172 <223> OTHER INFORMATION: a, c, g or t
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (489)..(489)
178 <223> OTHER INFORMATION: a, c, g or t
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184 gctaccattt taccgctgtg gctccctgag actcttgatt ctagcttctg tgtctgcgaa    120
186 cgtgataact ggaggaatac tatcatagga atggtatata cgcatattga ggcacaaagt    180
188 tggagtgaat gaaagcgtac tgattggagt tagaccagta gcactgaaca tagtgagtgc    240
190 acgagtacat ctatacccca acaaatagtc gatcactaca tcctggaagc ataccagcac    300
192 ccaagcaaca acaagacatt aggctactag caatggggtt atattacaat taccttgact    360
W-> 194 agacacataa aagaacaatt tcagagccca catgatttta gtannnnnnn nnnnnnnnnn    420
W-> 196 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn    480
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204 <211> LENGTH: 504
205 <212> TYPE: DNA
206 <213> ORGANISM: Homo sapien
208 <400> SEQUENCE: 5
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211 gcgtgtcgcg gccgaggtac ctgagatatg gtcagattct aaatacattt tagtggcaca    120
213 atctacaaaa cttaatgact caccagacat gggaaatgaa agaagcagag tcctgagata    180
215 acctaaagtt cttggcctga gcagctggaa gactggagtg gccatttact gagacagaga    240
217 agctatgaga agaaccattt tgggggagaa gagaacatac tgcgttggag aagtctatta    300
219 gatccggttg aagatgttga gtagctattt ggatatgtag cttttctcac agttccccaa    360
221 aactttacga tttgcctacc gactgagcca acagctaaat gtgtgccctg tttttaattc    420
223 tatgtgtagt ttgctgtaga aagagaaagc aactcttaaa acctgaaaag aaatgaaaat    480
225 ggaaactaat gaattacatt aaga                                          504
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229 <211> LENGTH: 795
230 <212> TYPE: DNA
231 <213> ORGANISM: Homo sapien
233 <400> SEQUENCE: 6
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238 ttgaacccaa attcctaaaa cttgtttttc ttaaaaaatg agttgtggct acctttaacc    180
240 catacccctta actcgggtgg tgtcccacat agttgctccc accccagtac ccagctctct    240
242 cctccaccct ttctctgcgg gtttccagtg ctcctcaggg ccgtgagcag cacgtgaggg    300
244 gctgggacga ttttttctcc tttaacgaat gtccagctct ccagccaagt ttggagagcc    360
246 ttctctctca tgtgttggct caaacgcaac cgagaacgcg tgtttctctt gcgggttcga    420
248 taggccaata ggaggaccag attgttggat ttatttttct tcccgagtgt attatcccgg    480
250 actctaacca ctggtccaga ggcttgggtg cccaccaaca ctatatatct cctcgggggg    540
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```

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

254 aaacccccgt atgggggga gggacaaaac gtggtctcct cgcccaattt tcggggatgt 660
256 ctccttttat tttccagcaa ccacttttc ttcaaaaagc tgggggggta acctggggcc 720
258 ataggcctgg tcccccgtgg tgtaatttgg tcttcccgtt ccaatttccc ccctactcac 780
260 agcacacccc accta 795
263 <210> SEQ ID NO: 7
264 <211> LENGTH: 260
265 <212> TYPE: DNA
266 <213> ORGANISM: Homo sapien
268 <400> SEQUENCE: 7
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271 agcaatgagt tgctttttt ttgccttttt aaagatggaa gtcacagcaa aatgggaaat 120
273 taacttgcct attaattcat gcaacatgac aactgcagag caatgtctag agtaagacaa 180
275 tagtatgtct tattcttctt cagaaaatat tcttatatgt catatttagt taaaatatca 240
277 tgtatcatat catatgttta 260
280 <210> SEQ ID NO: 8
281 <211> LENGTH: 609
282 <212> TYPE: DNA
283 <213> ORGANISM: Homo sapien
285 <400> SEQUENCE: 8
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290 aaaaccccgg ttttaatacc ttatttttt tggctttaaa aaaatttttt aaccatttta 180
292 aaaaaacccc ccctttcccc catttcagtt tccccgttaa acgggtttaa aagttgaggc 240
294 aaagtgaatt tttgtctcca ccgagctttg ggaccactca gcggttccgt gtgcaaagga 300
296 ccttctcgag acaccaaccc cctttgtgcc aaaaaaattc gtggacagct ttttacactt 360
298 gttggtctta taaacaaata ccagacgcgg gatattctcc ccccccctc gtagatgtgg 420
300 gacaaacccg ccttgtctca ccagccaaat ctttctctct ccacccaaac acgagagctg 480
302 tgggggtat acatctcgag tggtctccaa tagcgctgtg ttccacgcgt ggtgtgtaga 540
304 aatgtgtgtt tctctcgcgc ctctcaacat atctcccacc aaaaaattag cacaacacaa 600
306 aatggaatg 609
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310 <211> LENGTH: 450
311 <212> TYPE: DNA
312 <213> ORGANISM: Homo sapien
314 <400> SEQUENCE: 9
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317 aggcgggaat tgtcgggggt gcaatcttgg gctcacgtgg aacctcctcc tcttggggtt 120
319 caaggtgatt ctccgtggtg cctcagccct cccgagttgg ggggccccg ggtgcccgtt 180
321 accagtgccc gggttaattt ctgggtatat ttaaggtaga agaacgaggg ttctcaccat 240
323 tgttgggcca ggcgggtctc aaactccgtg gacttcaagt gatctgccca tctgggactc 300
325 ccaaagggcg gtgggattac gaggcttgag ccaccatatg cggccgattt tataatgata 360
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329 cacccttgtt tttgtgaagc aaacggaact 450
332 <210> SEQ ID NO: 10
333 <211> LENGTH: 238
334 <212> TYPE: DNA
335 <213> ORGANISM: Homo sapien
337 <400> SEQUENCE: 10
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RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 20:30:38

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12112001\I001843.raw

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342 ggtcatgaac gagttaccaa aaaaacacaa cagaaaaaaa aaaaagcctg ggggaaaacc   180
344 aggccaaacc gtttccccgg ggggaaattg tttccgccac attcaataaa acaaaaac     238
347 <210> SEQ ID NO: 11
348 <211> LENGTH: 1925
349 <212> TYPE: DNA
350 <213> ORGANISM: Homo sapien
352 <400> SEQUENCE: 11
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357 attcagcaat aaaaggaaat gaggtataaa gccatgaaga gatatggggg aaatttaaat   180
359 tcatattgct aagtgagaga agccagtttg ttagtttatt ttataaatca ggatatggtt   240
361 tattttggtg aatattccat gtgtacttgc aaaaattgtg aattctacca cttttggtta   300
363 tagtggtcta taaatgtcca ttaggacaag tttatcctag tgttgttcag atctatcctt   360
365 gttaactttt tagctaattt atttagctaa aattaatttt ttagctaact tttattaatt   420
367 attaagagta aagcatttaa atcccaaata taattgtgga tttgtcaatt tccccttgca   480
369 gttatgtcaa tttttacttc cggtattgtt atgtctttat caggggcaa ttcaccaagc    540
371 agtgccctct ttctctctga taatattgct tcttttgaag tccacttttg tttatattaa   600
373 tattgtcatt ccaacttttt tttgactaga gtttgcacaa tatattatcc ctttcttttt   660
375 atttacagtg agttacgggt agaaagcata tatttgggtc tctaggaaga attgaatatt   720
377 taatacgtgg gacaatataa gatttctatt ttttcttgag taggttttga taatttatat   780
379 tttctaggaa tttgtctatt ttctctaaac tttcaaaccc tattggcata aattgttaac   840
381 actgtccctt aatcttttta atctttatgg tgtttttcaa tatgctcccc cttttctttc   900
383 ataatattat ttctatatac ttttcttttt gtcttgatta atcggccaaa tgtttgtcta   960
385 ttttattaca aaactaaaat aaccaaaaca ggctggtact ggcataaaga taaacattta  1020
387 gaccaataga atagaattga gactgcagaa gtaaactcat acatatatct tcaattgaat  1080
389 ttctacaagg gtgtcaggac cataccatca gaaaataata tttttcaaca aatcactttg  1140
391 ggtcaattgc atagatacat gcaaaacaat gaagctggac tcctaacaca tactatatta  1200
393 aaaattaact tcaattgatt acagacatga atacaagagc taaaactaaa aattatagaa  1260
395 gaaaaagtaa gagtaactct tcatgacctt taatttaaca atgaattatc aataatgata  1320
397 ccaaaacaca agcaataaaa aataaaaaag acaaaagaca acccacaaaa tgggagaaaa  1380
399 tatgcgccaa attacatatc taataaggat ctgttatcca gattataact cttacaacct  1440
401 tacaccaaga cataactcat ttagaaactg ccaaaagact tgaatagaca tttcttcaaa  1500
403 gaagatatac tagtggccac agaagcacat gaaaagatgc tcaatatcat taatcattta  1560
405 gggaaatgca aaataaaatc acccatgaga taccacttta cacctactag gatggctata  1620
407 atcaaaaaga aaacagaaaa taataaaggg gttctcagga tgtggagaaa tttgtaactt  1680
409 catacactgc tggtaggaat atacaatggc acagccacca tggagaacag ttgggaagtt  1740
411 cttcaaaaag ttgaacagaa ttacaatatg acccagcaaa ttccactcct agatatatac  1800
413 ccacagaaaa ataaaacttg tgtccactaa aaccttgtac acaaatgttc acagcaatat  1860
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417 atgtc                                                             1925
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421 <211> LENGTH: 408
422 <212> TYPE: DNA
423 <213> ORGANISM: Homo sapien
425 <400> SEQUENCE: 12
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430 cactgaaggc tgtgtgacgt ttctatttct caaggcagta acagcaaccg tgaacctcag   180
```

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 12/11/2001
PATENT APPLICATION: **US/10/001,843** TIME: 20:30:39

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\12112001\I001843.raw**

L:12 M:283 W: Missing Blank Line separator, <130> field identifier
L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:2071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:2430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
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OIPE

RAW SEQUENCE LISTING DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 12:06:10

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Output Set: N:\CRF3\12112001\I001843.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Salceda, Susana
4 Macina, Roberto
5 Recipon, Herve
6 Cafferkey, Robert
7 Sun, Yongming
8 Liu, Chenghua
9 Turner, Leah
11 <120> TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific Genes and Proteins
W--> 12 <130> FILE REFERENCE: DEX-0267
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C--> 14 <141> CURRENT FILING DATE: 2001-11-20
14 <150> PRIOR APPLICATION NUMBER: 60/249,992
15 <151> PRIOR FILING DATE: 2000-11-20
17 <160> NUMBER OF SEQ ID NOS: 218
19 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

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7987 Gly Gln Pro Gly Lys Ala Gly His Cys Asn Pro Ser Asp Cys Phe Gly
7988 35 40 45
7991 Ala Met Pro Met Glu Gln Gln Tyr Pro Pro Met Lys Thr Met Lys Gly
7992 50 55 60
7995 Pro Phe Gly
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E--> 8008 1

VERIFICATION SUMMARY DATE: 12/11/2001
PATENT APPLICATION: US/10/001,843 TIME: 12:06:12

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